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## Evolution of Mesoscale Convective System in Southern Serbia

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This paper analyses the use of WV satellite maps and PV charts for forecasting of initiation deep convection in the atmosphere. These prediction tools are compared with classical forecasting charts. It is argued that classical forecasting charts are not sufficiently precise to forecast convective development. A case of evolution of mesoscale convective system that occurred in Southern Serbia on 19th of June 2007 is used to illustrate these points. The paper explores the reasons for occurrence of this mecoscale convective system and its evolution into bow echo by using radar and satellite images.

